

FIG. 1

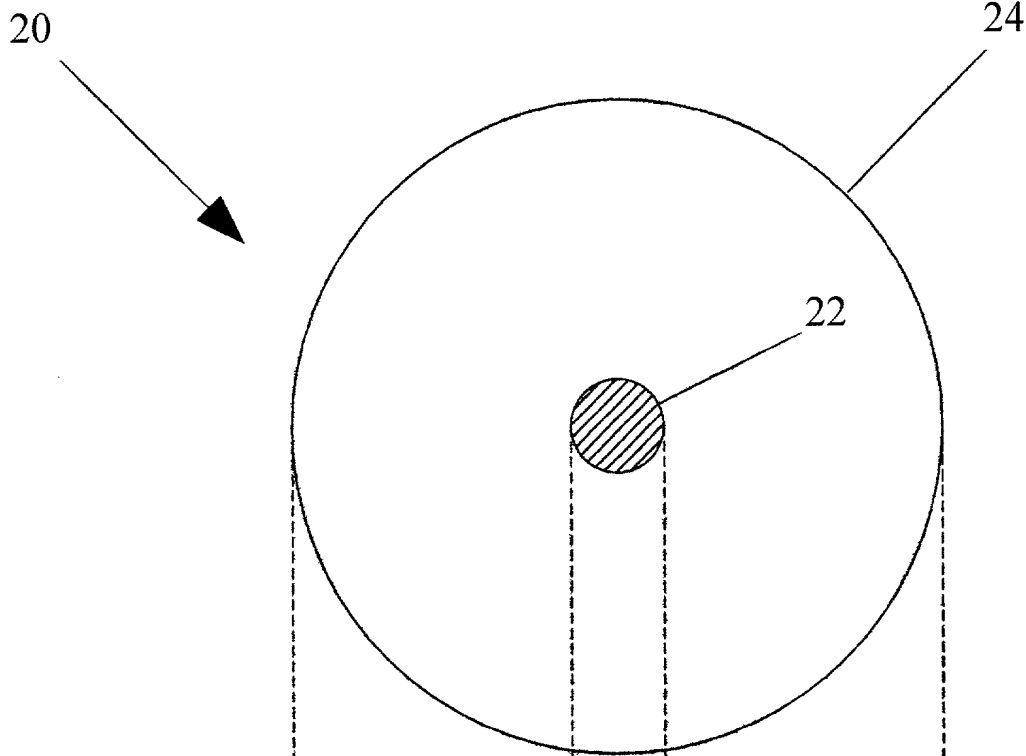


FIG. 2A

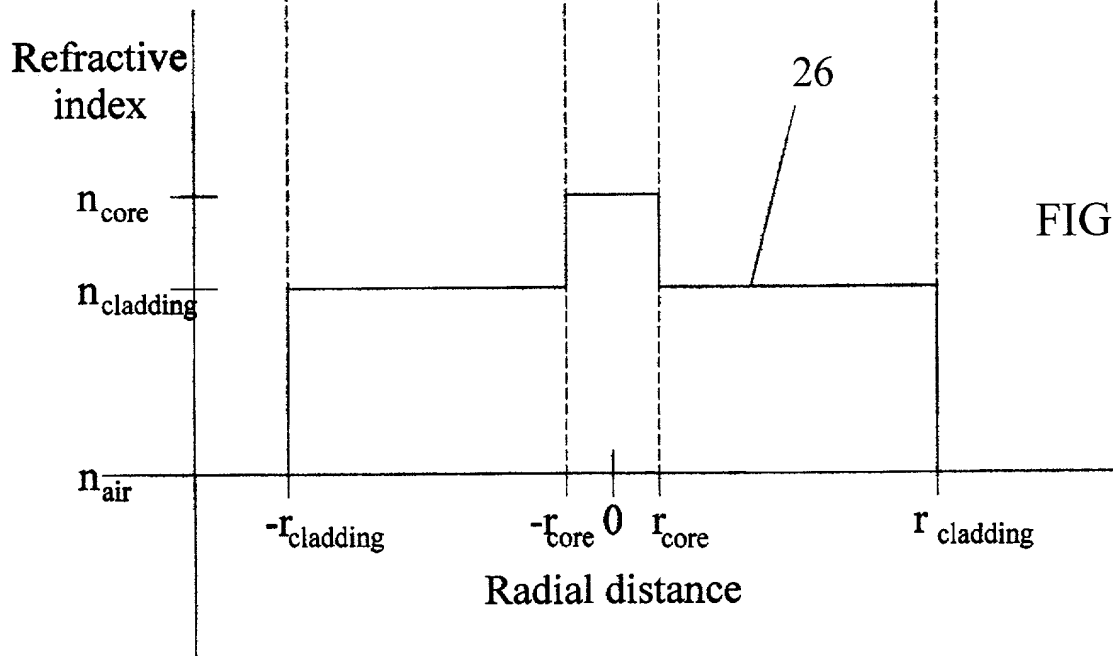


FIG. 2B

FIG. 2A

Undoped SiO₂
Refractive index vs. Photon energy

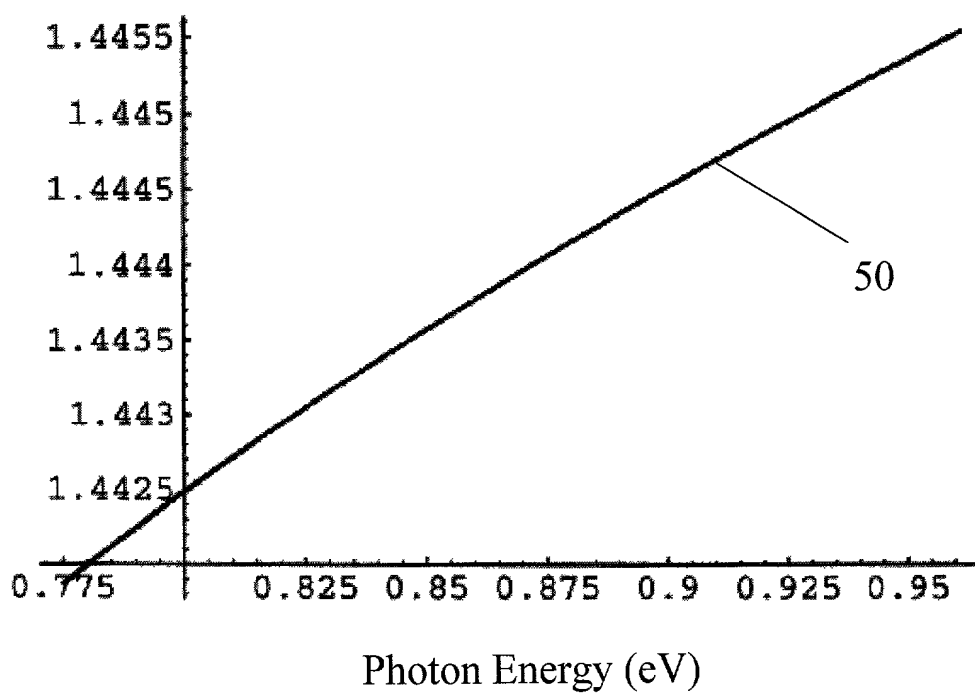


FIG. 3

P_2O_5 -doped core (20 mol%)

Refractive index vs. Photon energy

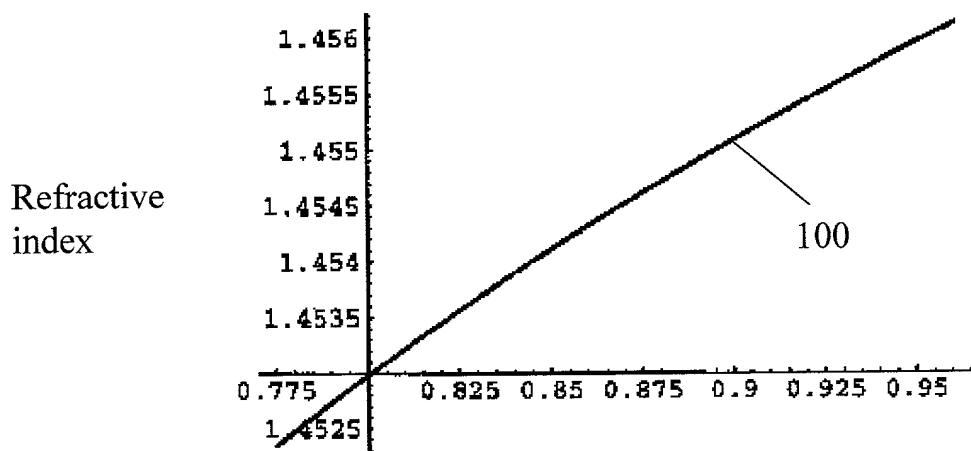


FIG. 4A

Mode index vs. Photon

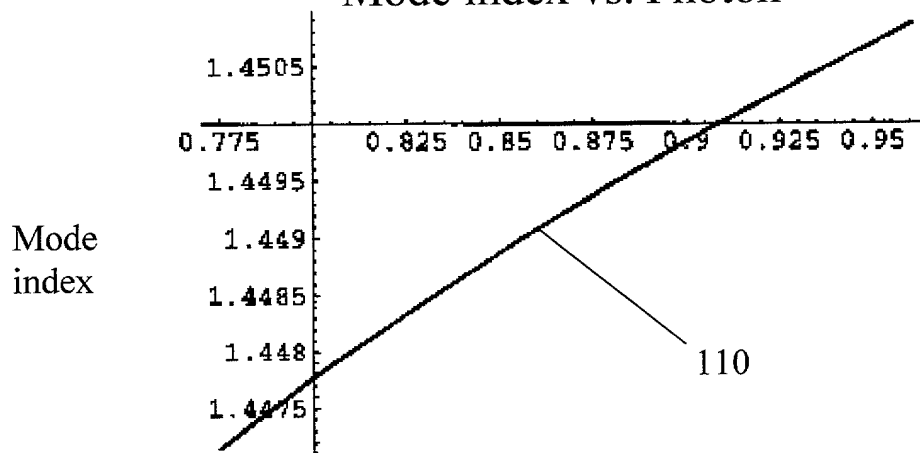


FIG. 4B

Group index vs. Photon

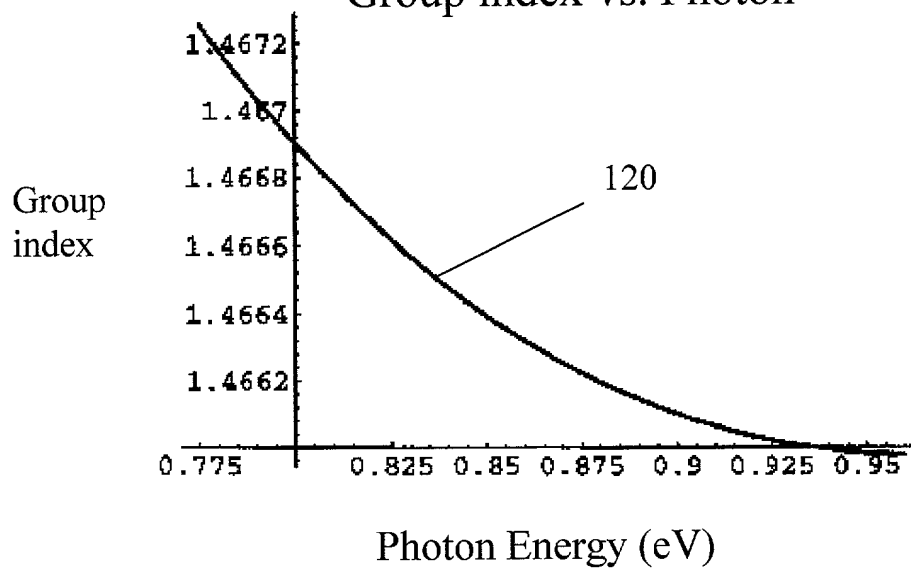
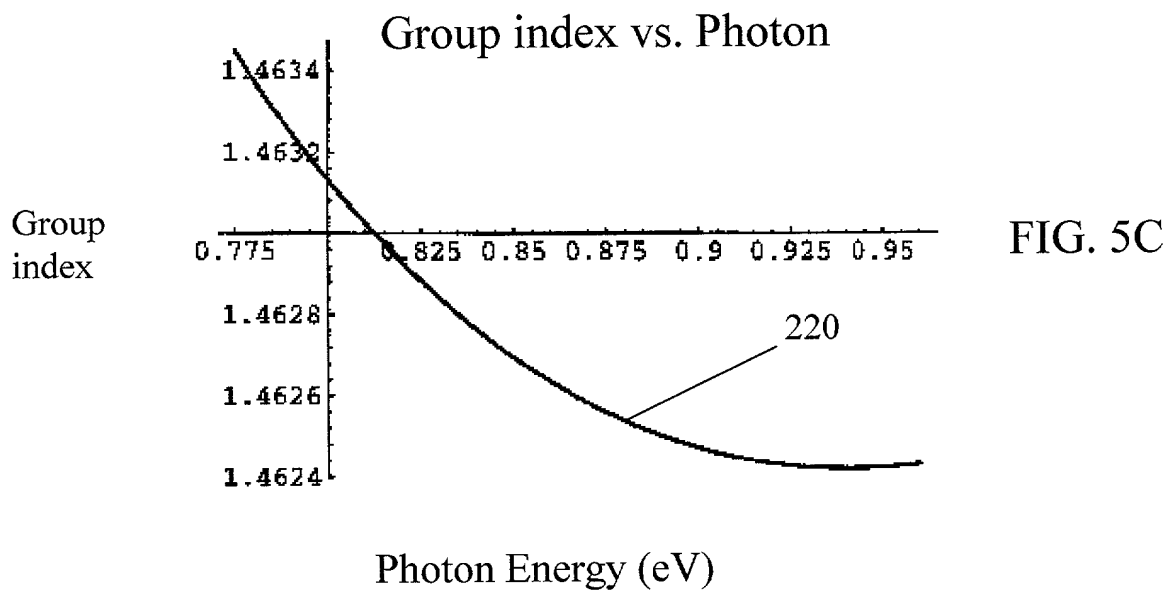
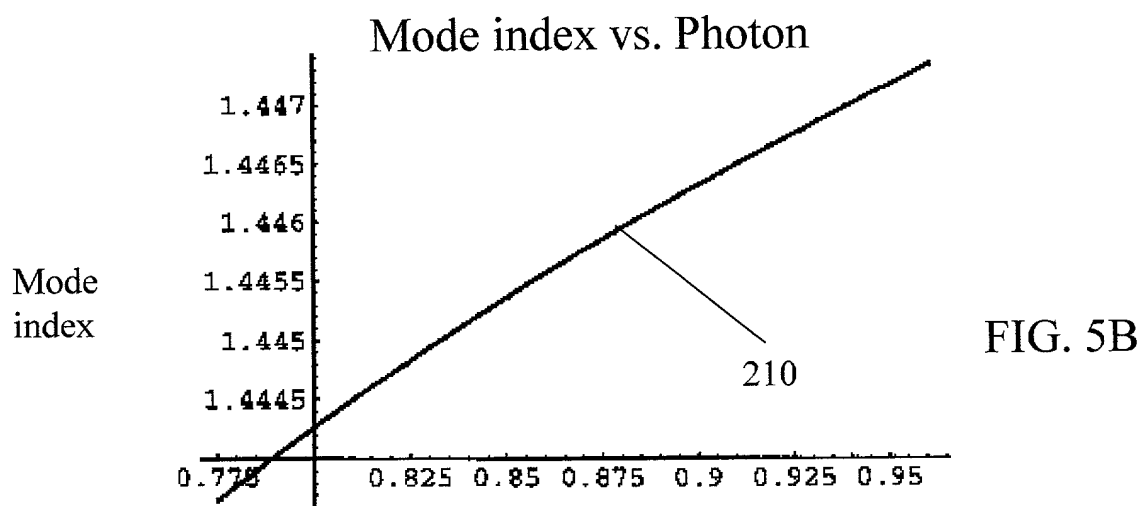
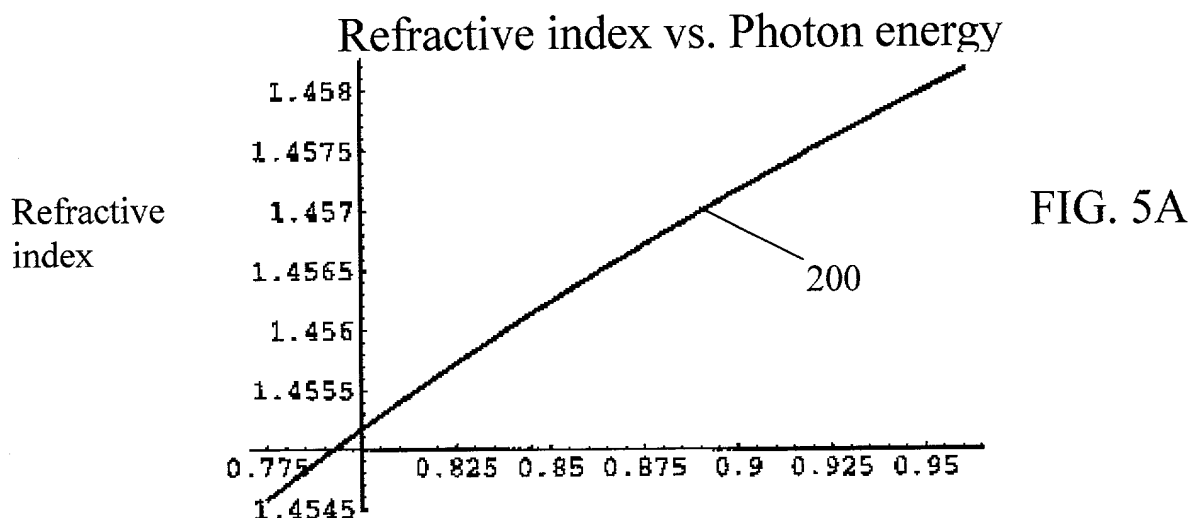


FIG. 4C

GeO₂-doped core (20 mol%)
and B₂O₃-doped cladding (20 mol%)



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